



Jan 2023

2022 Semester Plan 1 & 2 for Secondary Five Normal (Academic)

1 Topics covered for Semester 1& 2*:

Weeks	Topics/ Learning Outcomes Pupils will be able to describe and explain the factors in the topics and also perform the skills as follows:	TB pg	Assignments. Test. Exams	Date. Marks attained
Term 1/1 <i>*New year (Mon-Tues)</i>	<ul style="list-style-type: none"> Setting classroom expectations <p><u>Food Resources</u></p> <ul style="list-style-type: none"> How do food consumption patterns vary between DC and LDCs? <ul style="list-style-type: none"> Economic indicators <ul style="list-style-type: none"> Gross Domestic Product per capita Employment opportunity Social indicators <ul style="list-style-type: none"> Adult literacy rate Life expectancy Indicators of food consumption <ul style="list-style-type: none"> Food consumption per capita Total daily calorie intake Starchy staples as a percentage of all calories Changing food preferences <ul style="list-style-type: none"> Cereals Meat Vegetables 	93 93 94-96 97-98	WS 1: How and why do food consumption patterns vary between DC and LDCs?	
Term 1/2	<ul style="list-style-type: none"> Why do food consumption patterns vary between DCs and LDCs? <ul style="list-style-type: none"> Economic indicators <ul style="list-style-type: none"> Disposable income Pricing Socio-cultural <ul style="list-style-type: none"> Food preferences <ul style="list-style-type: none"> Fast food Organic food Population growth Political <ul style="list-style-type: none"> Stability of food supply <ul style="list-style-type: none"> Civil war Natural disasters Food safety 	99-101 103-105 106-108	WS 1: How and why do food consumption patterns vary between DC and LDCs?	

Term 1/3 *CNY (Fri celebration)	<ul style="list-style-type: none"> What are the consequences of variation in food consumption? <ul style="list-style-type: none"> - Impact of <u>inadequate</u> food consumption on individuals and countries <ul style="list-style-type: none"> o Health <ul style="list-style-type: none"> ▪ Malnutrition ▪ Starvation o Economic <ul style="list-style-type: none"> ▪ Lower productivity ▪ Diversion of financial resources to health care ▪ Long-term debt due to food and financial aid o Political <ul style="list-style-type: none"> ▪ Social unrest o Social <ul style="list-style-type: none"> ▪ Scavenging 	110-112 113 113 114	WS 2: What are the consequences of variation in food consumption?	
Term 1/4 *CNY (Mon & Tues)	<ul style="list-style-type: none"> What are the consequences of variation in food consumption? <ul style="list-style-type: none"> - Impact of <u>excess</u> food consumption on individuals and countries <ul style="list-style-type: none"> o Health <ul style="list-style-type: none"> ▪ Obesity and related illness o Economic <ul style="list-style-type: none"> ▪ Lower productivity ▪ Diversion of financial resources to health care o Social <ul style="list-style-type: none"> ▪ Food wastage ▪ Dieting 	115 116 117	WS 3: What are the consequences of variation in food consumption?	
Term 1/5	<ul style="list-style-type: none"> What are the consequences of variation in food consumption? <ul style="list-style-type: none"> - Impact of <u>excess</u> food consumption on individuals and countries <ul style="list-style-type: none"> o Health <ul style="list-style-type: none"> ▪ Obesity and related illness o Economic <ul style="list-style-type: none"> ▪ Lower productivity ▪ Diversion of financial resources to health care o Social <ul style="list-style-type: none"> ▪ Food wastage ▪ Dieting 	115 116 117	WA 1 WS 3: What are the consequences of variation in food consumption?	
Term 1/6	<ul style="list-style-type: none"> How has the production of crops changed since the 1960s? <ul style="list-style-type: none"> - Trends in the production of food crops (rice and wheat) from the 1960s <ul style="list-style-type: none"> o Increased intensity of production of 	121	WS 4: How has the production of crops changed since the 1960s? What factors	

	<p>food crops</p> <ul style="list-style-type: none"> • What factors affect the intensity of food production? <ul style="list-style-type: none"> - Physical <ul style="list-style-type: none"> ○ Climate ○ Soil and drainage ○ Relief - Economic <ul style="list-style-type: none"> ○ Purpose of farming ○ Demand and capital ○ Agribusiness - Political <ul style="list-style-type: none"> ○ Government policy <ul style="list-style-type: none"> ▪ Agricultural policy ▪ Food policy ○ ASEAN - Technological advances <ul style="list-style-type: none"> ○ Green Revolution <ul style="list-style-type: none"> ▪ High-yielding varieties ▪ Fertilisers ▪ Pesticides ▪ Irrigation ▪ Mechanisation 	<p>124-127</p> <p>129-131</p> <p>132-133</p> <p>134-136</p>	<p>affect the intensity of food production?</p>	
Term 1/7	<ul style="list-style-type: none"> • How has the production of crops changed since the 1960s? <ul style="list-style-type: none"> - Trends in the production of food crops (rice and wheat) from the 1960s <ul style="list-style-type: none"> ○ Increased intensity of production of food crops • What factors affect the intensity of food production? <ul style="list-style-type: none"> - Physical <ul style="list-style-type: none"> ○ Climate ○ Soil and drainage ○ Relief - Economic <ul style="list-style-type: none"> ○ Purpose of farming ○ Demand and capital ○ Agribusiness - Political <ul style="list-style-type: none"> ○ Government policy <ul style="list-style-type: none"> ▪ Agricultural policy ▪ Food policy ○ ASEAN - Technological advances <ul style="list-style-type: none"> ○ Green Revolution <ul style="list-style-type: none"> ▪ High-yielding varieties 	<p>121</p> <p>124-127</p> <p>129-131</p> <p>132-133</p> <p>134-136</p>	<p>WS 4: How has the production of crops changed since the 1960s? What factors affect the intensity of food production?</p>	

	<ul style="list-style-type: none"> ▪ Fertilisers ▪ Pesticides ▪ Irrigation ○ Mechanisation 			
Term 1/8	<ul style="list-style-type: none"> • What are the effects of continuing intensification of food production? <ul style="list-style-type: none"> - Challenges associated with intensification of production of crops from the 1960s <ul style="list-style-type: none"> ○ Effect of irrigation on water and soil quality <ul style="list-style-type: none"> ▪ Salinization ○ Effect of chemicals on water and soil quality <ul style="list-style-type: none"> ▪ Eutrophication 	137 138-139	WS 5: What are the effects of continuing intensification of food production?	
Term 1/9	<ul style="list-style-type: none"> • Why do food shortages still occur? <ul style="list-style-type: none"> - Physical <ul style="list-style-type: none"> ○ Climate change ○ Extreme weather events ○ Pests - Political <ul style="list-style-type: none"> ○ Civil strife ○ Poor governance - Economic <ul style="list-style-type: none"> ○ Rising demand for meat and dairy products from emerging economies ○ Soaring cost of fertilisers and transport ○ Conversion of farmland to industrial crop production to produce biofuel crops - Social <ul style="list-style-type: none"> ○ Lack of accessibility ○ Inadequate logistics of food distribution and storage <ul style="list-style-type: none"> ▪ Food distribution <p>Rapid population growth</p>	140-143 143-144 145-146 146-148	WS6: Why do food shortages still occur?	
Term 1/10	<ul style="list-style-type: none"> • Why do food shortages still occur? <ul style="list-style-type: none"> - Physical <ul style="list-style-type: none"> ○ Climate change ○ Extreme weather events ○ Pests - Political <ul style="list-style-type: none"> ○ Civil strife ○ Poor governance - Economic <ul style="list-style-type: none"> ○ Rising demand for meat and dairy products from emerging economies ○ Soaring cost of fertilisers and 	140-143 143-144 145-146	WS 7: Is technology in food production an effective solution to food shortage?	

	<ul style="list-style-type: none"> transport <ul style="list-style-type: none"> ○ Conversion of farmland to industrial crop production to produce biofuel crops - Social <ul style="list-style-type: none"> ○ Lack of accessibility ○ Inadequate logistics of food distribution and storage <ul style="list-style-type: none"> ▪ Food distribution ○ Rapid population growth 	146-148		
	MARCH HOLIDAY Geography extra lesson 2hrs (17 March)			
Term 2/1	<u>Plate Tectonics</u> <ul style="list-style-type: none"> • Why do people continue to live in areas prone to earthquakes? • How do people respond to earthquakes? <ul style="list-style-type: none"> - Preparedness measures <ul style="list-style-type: none"> ○ Land use regulation ○ Infrastructure ○ Emergency drills ○ Earthquake monitoring and warning systems - Tsunami monitoring and warning systems 	49 50 50-54	<ul style="list-style-type: none"> • WS 10: How do people respond to earthquakes? (Preparedness measures) 	
Term 2/2	<ul style="list-style-type: none"> • How do people respond to earthquakes? <ul style="list-style-type: none"> - Short-term responses <ul style="list-style-type: none"> ○ Search and rescue ○ Emergency, food and medical supplies - Long-term responses <ul style="list-style-type: none"> ○ Rebuilding or infrastructure ○ Provision of healthcare 	56-57 58-59	<ul style="list-style-type: none"> • WS 11: How do people respond to earthquakes? (Short-term & Long-term Responses) 	
Term 2/3 *Good Friday (Fri)	Revision: Weather & Climate - Geographical Investigation		Revision package Timed-practice #1	
Term 2/4	Revision: Weather & Climate - Data response + Level descriptors		Revision package Timed-practice #2	
Term 2/5	Revision: Plate Tectonics - Data response + Level descriptors		Revision package Timed-practice #3	
Term 2/6 *Hari Raya Puasa (Mon)	WA2 School Timed-practice (Full paper)			

Term 2/7 *Labour Day (Mon)	Go through Timed-practice Revision: Plate Tectonics - Data response + Level descriptors		Revision package Timed-practice #4	
Term 2/8	Revision: Tourism - Data response + Level descriptors		Revision package Timed-practice #5	
Term 2/9	Revision: Tourism - Data response + Level descriptors		Revision package Timed-practice #6	
Term 2/10	Mother tongue intensive revision			
*Vesak Day (Fri)	JUNE HOLIDAY		June Holiday Homework	
Term 3/1 *Hari Raya Haji (Thurs)	Revision: Geog of Food - Data response + Level descriptors		Revision package Timed-practice #7	
Term 3/2 *Youth Day (Mon)	Revision: Geog of Food - Data response + Level descriptors		Revision package Timed-practice #8	
Term 3/3	Revision: Weather & Climate - Geographical Investigation		Revision package Timed-practice #9	
Term 3/4	Revision: Weather & Climate - Data response + Level descriptors		Revision package Timed-practice #10	
Term 3/5 National Oral Exams (Tues-Thurs)	Revision: Plate Tectonics - Data response + Level descriptors		Revision package Timed-practice #11	
Term 3/6	Revision: Plate Tectonics - Data response + Level descriptors		Revision package Timed-practice #12	
Term 3/7 *National Day (Tues-Thurs)	Revision: Tourism - Data response + Level descriptors		Revision package Timed-practice #13	
Term 3/8	Revision: Tourism - Data response + Level descriptors		Revision package Timed-practice #14	
Term 3/9	PRELIMINARY EXAMS			

Term 3/10 <i>*Teacher's day (Thurs-Fri)</i>	PRELIMINARY EXAMS			
	SEPTEMBER HOLIDAY			
Term 4/1	Go through prelim papers			
Term 4/2	Revision: Geog of Food - Data response + Level descriptors		Revision package Timed-practice #15	
Term 4/3	Revision: Geog of Food - Data response + Level descriptors		Revision package Timed-practice #16	
Term 4/4	Revision: Plate Tectonics - Data response + Level descriptors		Revision package Timed-practice #17	
Term 4/5	Revision: Plate Tectonics - Data response + Level descriptors		Revision package Timed-practice #18	
Term 4/6	GCE O LEVELS			

**Please note that the topics might be subject to minor changes. Pupils will be updated accordingly.*

2 Assessment Plan

Semester 1	WA1: 15%	Semester 2	PUSH Timed-practice: gradebook
	School based timed-practice: gradebook		
	WA2: 15%		Prelim: 70%

3 Details of Assessments

Semester 1

Assessment	Topics	Percentage
WA1	Weather and Climate Geographical Investigation (13m)	15%
WA2	Tourism Structured + Level Descriptor (12m)	15%
School Timed-practice	Weather & Climate Plate Tectonics Tourism Food Geography (50m)	gradebook

Semester 2

Assessment	Topics	Percentage
PUSH Timed-practice	2 Timed-practice selected from Revision Package (12-14m)	gradebook
Prelim	Weather and Climate Plate Tectonics Tourism Food Geography (50m)	70%

**Please note that the dates indicated for the CA1 components are subject to changes. Pupils will be updated accordingly.*

School Timed-practice Components			Date	Guidelines
Paper [1 h 40m]			Term 2/ Week 6	<ul style="list-style-type: none"> All topics covered in semester 1. For the paper, candidates are to write their answers on the writing paper provided. Total marks for the paper is 50m.
Section	Details	Marks		
A	Geographical investigation - Global tourism - Weather and Climate	13		
B	Data response + level descriptors - Weather and Climate - Global tourism	12		
C	Data response + level marking - Plate Tectonics - Food (until food consumption)	25		

Prelims Components			Date	Guidelines
Paper [1 h 40m]			Term3/ Week 9-10	<ul style="list-style-type: none"> All topics covered in semester 1. For the paper, candidates are to write their answers on the writing paper provided. Total marks for the paper is 50m.
Section	Details	Marks		
A	Geographical investigation - Global tourism - Weather and Climate	13		
B	Data response + level descriptors - Weather and Climate - Global tourism	12		
C	Data response + level marking - Plate Tectonics - Food	25		

4 Absence from tests

- a) A medical certificate must be produced if your child/ ward is absent for the test.
- b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- c) Absence from any test without a valid reason will result in zero mark for the test.
- d) Do note that your child/ ward will have to do a make-up test on the day he/she returns to school.